Mageshkannan Annathurai
Front-end Developer / React JS Developer
Srivilliputtur - 626125, India

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Summary

With over 2.7 years of experience building dynamic, accessible, and user- friendly web apps. Proven ability to deliver high-quality code, collaborate effectively with teams, and meet deadlines consistently. To further enhance my skills, I continually explore front-end technologies and stay updated on industry trends.

Experience

Capgemini Technology Services India Ltd — Software Engineer   May 2021 – Jul 2023
Project 1. Internal Project Management App (IPM)   *Remote*

- The internal project management app is to manage the projects inside a team to avoid manually handling the project's information with an Excel sheet. IPM App project improved end-to-end manual user information collection processes, Provided better insights from charts, and reduced manual user information entry by 75%. **Tech Stack: React.js, Redux Toolkit, Express.js, Auth0, React Query, React Hook Form, Tailwind CSS, MUI**.
- Designed and Developed a **fully accessible multiple-step (4 steps) form** with robust validation and seamless navigation with r**eact hook form and react-router**.
- **Reduced manual user information entry by 75%.**
- Developed a data table with filter, sorting, and reordering using an MUI Data grid to list the project's data.
- Built a **dedicated page for the detailed project's insights** with multiple **dynamic charts** to filter insights using re-charts.
- **Added code splitting and lazy loading to components**, optimized function and calculations which **increased the performance by 65% and reduced the initial page load by 40%.**
- Received The **Project of the Month award** in Sept 2021 for the IPM project. *View Certificate*
- View Abstracted project's Demo *View Demo*

Project 2. Personal Investors(PI)

- This is a client-side project to handle financial information for **Vanguard Group Inc.** The project was initially built with angular js and migrated to react js. PI handles investor's mutual fund and stocks data, To improve the performance and real-time data migrated to react js, express js, and next js. **Tech Stack: React js, Next js, Express js, Redux Toolkit, Auth0, Zod**.
- Developed a user **onboarding form with multiple steps using the react hook form** to ensure the best possible user experience with proper **input validation using Zod**
- Redesigned the existing user interface in React js with proper **accessibility for Differently-abled** people and, built **reusable components**.
- Improved functions and components to handle a **single responsibility** and reused logic with **custom hooks.**
- Tested the application with the react testing library to ensure everything works as expected as individual components and in **integration testing** with other components.**100% code coverage on critical components**
- I have successfully **trained 10 junior developers/interns** in React JS, best practices in front-end development and performance improvement. The training also covered **debugging applications** and effectively **identifying the causes of issues**.

Shaiash Info Solutions — Software Engineer Intern   Dec 2019 – Feb 2020
Chennai, India

- Supported in a Clinic appointment booking project. Helped to develop the front end with bootstrap and ensuring responsiveness across all devices.
- **Tech Stack: HTML, CSS, JavaScript, Bootstrap, JAVA, SQL.**

Certifications

1. AWS Cloud Practitioner — Validity: Jun 2021 - Jun 2024 *View Certificate*

2. Meta Front-End Developer *View Certificate*

Skills

Key Skills: React js, Next js, JavaScript (ES6+), Typescript, Redux Toolkit, React Router, Reusable Components (JSX/TSX), Custom hooks, Unit Test, Integration Test.

- *Languages* — JavaScript, Typescript, Python(basics), Core Java.

- *Libraries/Frameworks* — React js, Next js, React Router, React Query, React Hook Form, Redux Toolkit, React Native, Firebase, Supabase, Auth0, Clerk.

- *Markup/UI Libraries* — HTML 5, CSS 3, Tailwind CSS, Bootstrap, MUI, Shadcn UI.

- *Testing* — Jest, React Testing Library, Vitest, Unit Test, Integration Test.

- *Version Control* — Git, GitHub.

- *Tools/DevTools* — VS Code, Jira, Teams, Slack, Figma, Microsoft Office, Chrome DevTool, Light House, React DevTool, Redux DevTool, WAVE(accessibility), Mobile Simulator(responsive).

- *Others* — Vite, Bun js, Webpack, Linux, Vercel, AWS, Power BI, Node js, Agile.

Education

Adhiyamaan College of Engineering, Housr
B.E Computer Science and Engineering Oct 2016 - Apr 2020
CGPA 7.4